

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/983,474A

DATE: 10/02/2000
TIME: 15:53:48

Input Set : A:\134353.app
Output Set: N:\CRF3\10022000\H983474A.raw

RECEIVED

OCT 17 2000

TEGH CENTER 1600/2900

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77      (i) SEQUENCE CHARACTERISTICS:
78          (A) LENGTH: 28 base pairs
79          (B) TYPE: nucleic acid
80          (C) STRANDEDNESS: single
81          (D) TOPOLOGY: linear
83      (ii) MOLECULE TYPE: other nucleic acid
84          (A) DESCRIPTION: /desc = "primer"
89      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
91 GCGGCCGCAG AGACCCCGA AGGCTGTG
93 (2) INFORMATION FOR SEQ ID NO: 4:
95      (i) SEQUENCE CHARACTERISTICS:
96          (A) LENGTH: 23 base pairs
97          (B) TYPE: nucleic acid
98          (C) STRANDEDNESS: single
99          (D) TOPOLOGY: linear
101     (ii) MOLECULE TYPE: other nucleic acid
102         (A) DESCRIPTION: /desc = "primer"
107     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
109 CCACCTTGGG TAAAGAACTA TAA
111 (2) INFORMATION FOR SEQ ID NO: 5:
113     (i) SEQUENCE CHARACTERISTICS:
114         (A) LENGTH: 36 base pairs
115         (B) TYPE: nucleic acid
116         (C) STRANDEDNESS: single
117         (D) TOPOLOGY: linear
119     (ii) MOLECULE TYPE: other nucleic acid
120         (A) DESCRIPTION: /desc = "primer"
125     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
127 ATTTCTAGAG AGTATAGTT CTTATCCAA AGTGGA
129 (2) INFORMATION FOR SEQ ID NO: 6:
131     (i) SEQUENCE CHARACTERISTICS:
132         (A) LENGTH: 46 base pairs
133         (B) TYPE: nucleic acid
134         (C) STRANDEDNESS: single
135         (D) TOPOLOGY: linear
137     (ii) MOLECULE TYPE: other nucleic acid
138         (A) DESCRIPTION: /desc = "primer"
143     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
145 CCGGGACAGG TCCTGCTGGA ATCCAACATC AAGTTCTGC CCACAG
148 (2) INFORMATION FOR SEQ ID NO: 7:
150     (i) SEQUENCE CHARACTERISTICS:
151         (A) LENGTH: 57 amino acids
152         (B) TYPE: amino acid
153         (C) STRANDEDNESS:
154         (D) TOPOLOGY: linear
156     (ii) MOLECULE TYPE: peptide
161     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
163 Glu Thr Pro Glu Gly Cys Glu Gln Val Leu Thr Gly Lys Arg Leu Met
164 1          5          10          15

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166      Gln Cys Leu Pro Asn Pro Glu Asp Val Lys Met Ala Leu Glu Val Tyr
167                20                25                30
169      Lys Leu Ser Leu Glu Ile Glu Gln Leu Glu Leu Gln Arg Asp Ser Ala
170                35                40                45
172      Arg Gln Ser Thr Leu Asp Lys Glu Leu
173                50                55
175 (2) INFORMATION FOR SEQ ID NO: 8:
177   (i) SEQUENCE CHARACTERISTICS:
178       (A) LENGTH: 57 amino acids
179       (B) TYPE: amino acid
180       (C) STRANDEDNESS:
181       (D) TOPOLOGY: linear
183   (ii) MOLECULE TYPE: peptide
188   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
190      Glu Ala Pro Lys Pro Glu Cys Glu Lys Ala Leu Leu Ala Phe Gln Glu
191      1          5          10          15
193      Ser Lys Asn Leu Cys Glu Ala Met Glu Asn Phe Met Gln Gln Leu Lys
194      20        25        30
196      Glu Ser Gly Met Thr Met Glu Glu Leu Lys Tyr Ser Leu Glu Leu Lys
197      35        40        45
199      Lys Ala Glu Leu Lys Ala Lys Leu Leu
200      50        55
202 (2) INFORMATION FOR SEQ ID NO: 9:
204   (i) SEQUENCE CHARACTERISTICS:
205       (A) LENGTH: 40 amino acids
206       (B) TYPE: amino acid
207       (C) STRANDEDNESS:
208       (D) TOPOLOGY: linear
210   (ii) MOLECULE TYPE: peptide
215   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
217      Cys Leu Pro Asn Pro Glu Asp Val Lys Met Ala Leu Glu Val Tyr Lys
218      1          5          10          15
220      Leu Ser Leu Glu Ile Glu Gln Leu Glu Leu Gln Arg Asp Ser Ala Arg
221      20        25        30
223      Gln Ser Thr Leu Asp Lys Glu Leu
224      35        40
226 (2) INFORMATION FOR SEQ ID NO: 10:
228   (i) SEQUENCE CHARACTERISTICS:
229       (A) LENGTH: 37 amino acids
230       (B) TYPE: amino acid
231       (C) STRANDEDNESS:
232       (D) TOPOLOGY: linear
234   (ii) MOLECULE TYPE: peptide
239   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
241      Cys Glu Ala Met Glu Asn Phe Met Gln Gln Leu Lys Glu Ser Gly Met
242      1          5          10          15
244      Thr Met Glu Glu Leu Lys Tyr Ser Leu Glu Leu Lys Lys Ala Glu Leu
245      20        25        30
247      Lys Ala Lys Leu Leu

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OCT 1

VERIFICATION SUMMARY

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L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]